EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	103	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:25
L2	126	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 11:25
L3	231	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 11:26
L4	14	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 11:26
L5	220	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 11:26
L6	9	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 11:26
L7	124	((435/6).CCLS.) and ((((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 11:26

EAST Search History

L8	399	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:26
L9	177	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:26
L10	293	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:27
L11	791	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:27
L12	989	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:27
L13	110	(substrate or base or fiber) and ((bragg or grating) with (refract$ near4 ind$4)) and (cod$4 with (scatter$ or diffract$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 16:52
L14	77	(substrate or base or fiber) and ((bragg or grating) with embed$) and (refract$ near4 ind$4) and cod$4 and (scatter$ or diffract$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:03
L15	70	((substrate or base or fiber) and (bragg or grating) and (refract$ near4 ind$4) and cod$4 and (scatter$ or diffract$)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:03

L16	340	(substrat$2 or bas$2 or fibe$2) and ((bragg or diffract$ or grating) with (refract$ near4 ind$4)) and ((cod$4 or identif$) with (scatter$ or diffract$)) and (inciden$ with (light or signal$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 18:00
L17	1329	((substrat$2 or bas$2 or fibe$2) same (bragg or diffract$ or grating) same (bury$3 or buried or embed$)) and (refract$ near4 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 18:02
L18	180	((substrat$2 or bas$2 or fibe$2) same (bragg or diffract$ or grating) same (bury$3 or buried or embed$)) and (period$ with (refract$ near4 ind$4)) and (authenticat$ or identif$ or encod$3 or cod$3 or tag$4 or label$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 18:34
L19	18	(((substrat$2 or bas$2 or fibe$2) same (bragg or diffract$ or grating) same (bury$3 or buried or embed$)) and (period$ with (refract$ near4 ind$4))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 18:40
L20	58	(((substrat$2 or bas$2 or fibe$2) same (bragg or diffract$ or grating) same (bury$3 or buried or embed$)) and ((refract$ near4 ind$4))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/24 18:41
S1	2	wo-9715690-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/10/01 11:43
S2	232	(359/2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06
S3	903	(359/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06
S4	676	(359/569).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06
S5	325	(359/558).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06

S6	278	(359/571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06
S7	330	(359/572).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06
S8	658	(356/72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:06
S9	1888	(356/73.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S10	1385	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S11	820	(385/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S12	2621	(385/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S13	72	(250/559.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S14	55	(250/559.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07

S15	680	(250/559.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S16	629	(250/227.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:07
S17	152	(250/227.29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S18	669	(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S19	329	(250/568).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S20	203	(235/473).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S21	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S22	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08

S23	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:35
S24	575	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:35
S25	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:53
S26	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 10:48
S27	298	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:37
S28	29	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5434878" | "5438878" | "5448582" | "5503805" | "5558904" | "5565324" | "5604097" | "5641634" | "5751629" | "5770358" | "5770455" | "5840485" | "5874214" | "5903340" | "5981180" | "6043023" | "6096494").PN.	USPAT	OR	ON	2004/09/27 11:23
S29	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 11:34

EAST Search History

S30	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:58
S31	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:03
S32	154	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S33	0	WO-02061429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S34	0	WO-0261429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S35	0	WO-2002061429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
S36	1	WO-200261429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:17
S37	2	("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/27 12:18
S38	19	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5438878" | "5448582" | "5558904" | "5565324" | "5641634" | "5751629" | "5770455").PN.	USPAT	OR	ON	2004/09/27 13:28

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S39	85	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:28
S40	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 13:34
S41	6	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:02
S42	77	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:02
S43	333	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:04
S44	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:29
S45	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:31
S46	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4) with (vary$3 or varia$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:07
S47	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating near3 refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:49
S48	2	((fiber or bragg or phase) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:52

S49	32	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:13
S50	539	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:14
S51	61	((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:22
S52	343	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:23
S53	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and (refract$ near3 ind$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:23
S54	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:23
S55	2	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:24
S56	5	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:25
S57	9	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:29
S58	93	((bragg or phase or fiber or hologra$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 09:03

EAST Search History

S59	37374	((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 12:27
S60	4343	((((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
S61	344	(((((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
S62	22407	((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
S63	2786	(((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
S64	249	((((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:12
S65	167547	(index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
S66	6664	((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
S67	140	(((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract$ near3 ind$4) and (assay or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:40
S68	1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:41

S69	1	("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:41
S70	1	("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:42
S71	76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or ("5166813")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 11:59
S72	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("5394234") or ("5442433") or ("5448659") or ("5461528") or ("5461475") or ("5465176") or ("5468649") or ("5506674") or ("5514785") or ("5528045") or ("5547849") or ("5585639") or ("5607188") or ("5621515") or ("5627040") or ("5627663") or ("5633724") or ("5663790") or ("5667976") or ("5721912") or ("5721435") or ("5729365") or ("5736330") or ("5742432") or ("5759778") or ("5760961") or ("5766956") or ("5793502") or ("5798273") or ("5799231") or ("5801857") or ("5804384") or ("5822472") or ("5824478") or ("5824557") or ("5831698") or ("5837475") or ("5841555")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:18
S73	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:19
S74	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5998796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6096496") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6259450") or ("6268128") or ("6284459") or ("6292282") or ("6292319") or ("6301047") or ("6304263") or ("6306587") or ("6309601") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:22

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S75	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592036") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6628439") or ("6632655") or ("6635470") or ("6678429") or ("6689316") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:48
S76	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:52
S77	4	(("5671308") or ("6340588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:52
S78	4262	(436/518).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:59
S79	742	(436/524).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S80	524	(436/525).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S81	627	(436/526).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S82	786	(436/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58

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S83	940	(436/528).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:59
S84	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:59
S85	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 12:59
S86	144	(((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 13:00
S87	226	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 13:49
S88	442	(modulat$ with refract$ with ind$4 with grating) and (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 13:51
S89	34	(modulat$ with refract$ with ind$4 with grating) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 09:49
S90	2	WO-9636436-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 09:58
S91	120	(LED or (light near3 emi$5 near3 diode)) same bragg same (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 09:59

| S92 | 18 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$). did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$). did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.) and (magnet$ same (orient$ or align$)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/29 12:15 |

| S93 | 60 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.) and (low$5 with refract$ with ind$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/29 12:54 |

| S94 | 29 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$). did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$). did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.) and (low$5 with refract$ with ind$4 with grating) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/29 12:56 |

EAST Search History

| S95 | 175 | (US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$). did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$). did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/09/30 13:13 |

EAST Search History

S96	15	((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.) and split and pool	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/30 13:19
S97	394	combinator$ and (split$4 near3 pool$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/30 13:20

EAST Search History

S98	826	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 12:45
S99	668	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 11:58
S100	347	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 11:58
S101	196	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 11:58
S102	85	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 11:59
S103	179	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 12:18
S104	100	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/11 11:59

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S105	12	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/11 11:59
S106	9	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/11 11:59
S107	91	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/11 12:00
S108	153	(((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/11 12:00
S109	254	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/11 12:00
S110	2	("6455004").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/11 12:52
S111	2	("4537504").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/19 16:51
S112	90	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 17:06
S113	113	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 17:06

S114	210	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:07
S115	13	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:08
S116	201	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:08
S117	9	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:08
S118	370	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:08
S119	108	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:08
S120	717	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:09
S121	164	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/19 17:09

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S122	273	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 17:09
S123	899	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 17:59
S124	43	(("20020039732") or ("20030077038") or ("3891302") or ("3916182") or ("4725110") or ("4807950") or ("5367588") or ("5388173") or ("5559613") or ("5745815") or ("5981166") or ("6096596") or ("6159748") or ("6160656") or ("6174648") or ("6156501") or ("6355432") or ("6403320") or ("6416952") or ("6440667") or ("6544739") or ("6576424") or ("6646243")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/19 18:00
S125	857	(substrate or base or fiber) and ((bragg or grating) with (refract$ near4 ind$4)) and cod$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 18:12
S126	95	(substrate or base or fiber) and ((bragg or grating) with (refract$ near4 ind$4)) and (cod$4 with (scatter$ or diffract$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 18:25
S127	65	(substrate or base or fiber) and ((bragg or grating) with embed$) and (refract$ near4 ind$4) and cod$4 and (scatter$ or diffract$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 18:33
S128	65	((substrate or base or fiber) and (bragg or grating) and (refract$ near4 ind$4) and cod$4 and (scatter$ or diffract$)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/19 18:33